

## SEQUENCE LISTING

<110> The Government of the United States, as represented by the  
Secretary, Dept. of Health and Human Services

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<120> MODIFIED HCV PEPTIDE VACCINES

<130> 14014.0347/P

<150> 60/097,446

<151> 1998-08-21

<160> 8

<170> FastSEQ for Windows Version 3.0

<210> 1

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223>Description of Artificial Sequence:/Note =  
synthetic construct

<400> 1

Asp Leu Met Gly Tyr Ile Pro Ala Val  
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<210> 2

<211> 191

<212> PRT

<213> Artificial Sequence

<220>

<223>Description of Artificial Sequence:/Note =  
synthetic construct

<400> 2

Met	Ser	Thr	Asn	Pro	Lys	Pro	Gln	Lys	Lys	Asn	Lys	Arg	Asn	Thr	Asn
1				5					10					15	
Arg	Arg	Pro	Gln	Asp	Val	Lys	Phe	Pro	Gly	Gly	Gly	Gln	Ile	Val	Gly
			20					25					30		
Gly	Val	Tyr	Leu	Leu	Pro	Arg	Arg	Gly	Pro	Arg	Leu	Gly	Val	Arg	Ala
		35					40					45			
Thr	Arg	Lys	Thr	Ser	Glu	Arg	Ser	Gln	Pro	Arg	Gly	Arg	Arg	Gln	Pro
	50					55					60				

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Ile Pro Lys Ala Arg Arg Pro Glu Gly Arg Thr Trp Ala Gln Pro Gly
65              70              75              80

Tyr Pro Trp Pro Leu Tyr Gly Asn Glu Gly Cys Gly Trp Ala Gly Trp
            85              90              95
Leu Leu Ser Pro Arg Gly Ser Arg Pro Ser Trp Gly Pro Thr Asp Pro
            100              105              110
Arg Arg Arg Ser Arg Asn Leu Gly Lys Val Ile Asp Thr Leu Thr Cys
            115              120              125
Gly Phe Ala Asp Leu Met Gly Tyr Ile Pro Ala Val Gly Ala Pro Leu
            130              135              140
Gly Gly Ala Ala Arg Ala Leu Ala His Gly Val Arg Val Leu Glu Asp
            145              150              155              160
Gly Val Asn Tyr Ala Thr Gly Asn Leu Pro Gly Cys Ser Phe Ser Ile
            165              170              175
Phe Leu Leu Ala Leu Leu Ser Cys Leu Thr Val Pro Ala Ser Ala
            180              185              190

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<210> 3
<211> 9
<212> PRT
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<220>
<223>Description of Artificial Sequence:/Note =
        synthetic construct

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<400> 3
Asp Leu Met Gly Tyr Ile Pro Leu Val
1              5

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<210> 4
<211> 191
<212> PRT
<213> Artificial Sequence

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<220>
<223>Description of Artificial Sequence:/Note =
        synthetic construct

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<400> 4
Met Ser Thr Asn Pro Lys Pro Gln Lys Lys Asn Lys Arg Asn Thr Asn
1              5              10              15
Arg Arg Pro Gln Asp Val Lys Phe Pro Gly Gly Gly Gln Ile Val Gly
            20              25              30
Gly Val Tyr Leu Leu Pro Arg Arg Gly Pro Arg Leu Gly Val Arg Ala
            35              40              45
Thr Arg Lys Thr Ser Glu Arg Ser Gln Pro Arg Gly Arg Arg Gln Pro
            50              55              60
Ile Pro Lys Ala Arg Arg Pro Glu Gly Arg Thr Trp Ala Gln Pro Gly
65              70              75              80
Tyr Pro Trp Pro Leu Tyr Gly Asn Glu Gly Cys Gly Trp Ala Gly Trp
            85              90              95
Leu Leu Ser Pro Arg Gly Ser Arg Pro Ser Trp Gly Pro Thr Asp Pro
            100              105              110

```

Arg Arg Arg Ser Arg Asn Leu Gly Lys Val Ile Asp Thr Leu Thr Cys  
           115                          120                          125  
 Gly Phe Ala Asp Leu Met Gly Tyr Ile Pro Leu Val Gly Ala Pro Leu  
           130                          135                          140  
 Gly Gly Ala Ala Arg Ala Leu Ala His Gly Val Arg Val Leu Glu Asp  
 145                          150                          155                          160  
 Gly Val Asn Tyr Ala Thr Gly Asn Leu Pro Gly Cys Ser Phe Ser Ile  
                           165                          170                          175  
 Phe Leu Leu Ala Leu Leu Ser Cys Leu Thr Val Pro Ala Ser Ala  
                           180                          185                          190

<210> 5  
 <211> 23  
 <212> DNA  
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<220>  
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<400> 5  
 tcatggggta cataccggcg gtc

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 <212> DNA  
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 tccaagagg ggcgccgaccg ccg

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 aagactgcta gccgagtagt g

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cacaatactc gagttagggc

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